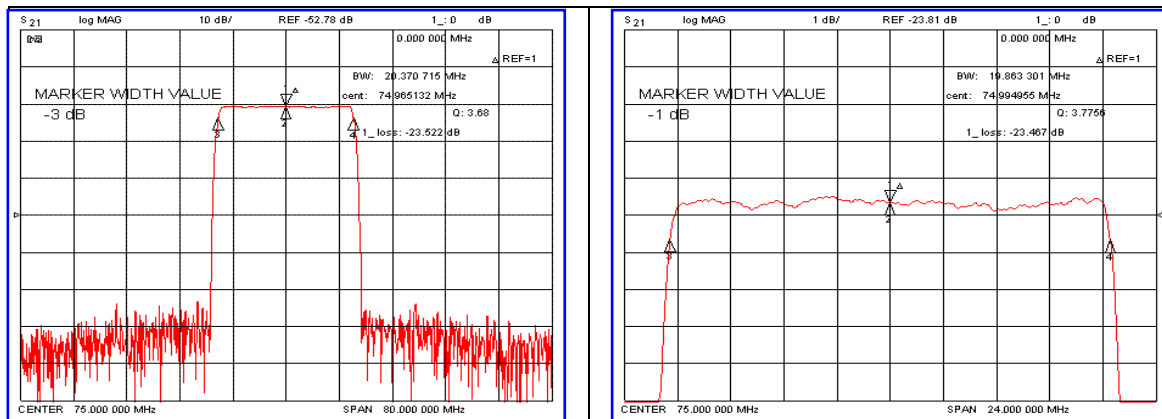


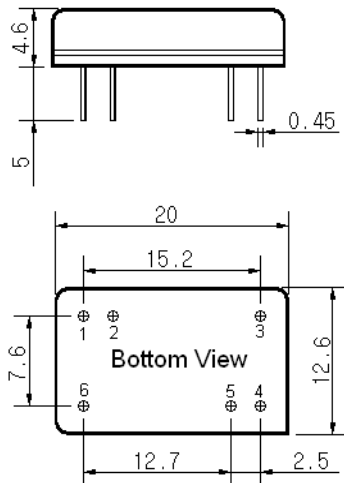
### Typical Performance



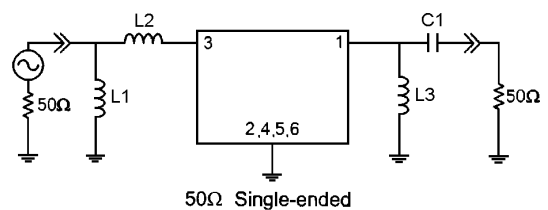
### Specification

| Parameter                                  | Unit      | Min.                   | Typ.  | Max.  |
|--|-----------|------------------------|-------|-------|
| Center Frequency                           | MHz       | 74.92                  | 75.00 | 75.08 |
| Insertion Loss                             | dB        | -                      | 23.52 | 25.00 |
| 1dB Bandwidth                              | MHz       | -                      | 19.86 | -     |
| 3dB Bandwidth                              | MHz       | 20.00                  | 20.37 | -     |
| 50dB Bandwidth                             | MHz       | -                      | 22.60 | 22.80 |
| Passband Ripple( $F_c \pm 9.32$ MHz)       | dB        | -                      | 0.40  | 1.00  |
| Group Delay Variation( $F_c \pm 9.32$ MHz) | nsec      | -                      | 25    | 40    |
| Absolute Delay                             | $\mu$ sec | -                      | 1.55  | -     |
| Ultimate Attenuation                       | dB        | 50                     | 55    | -     |
| Substrate Material                         | -         | 128-LiNbO <sub>3</sub> |       |       |
| Temperature Coefficient                    | ppm/°C    | -72                    |       |       |

### Package Dimension

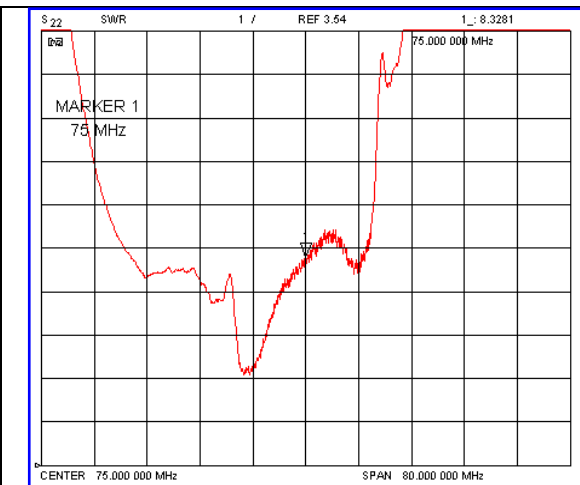
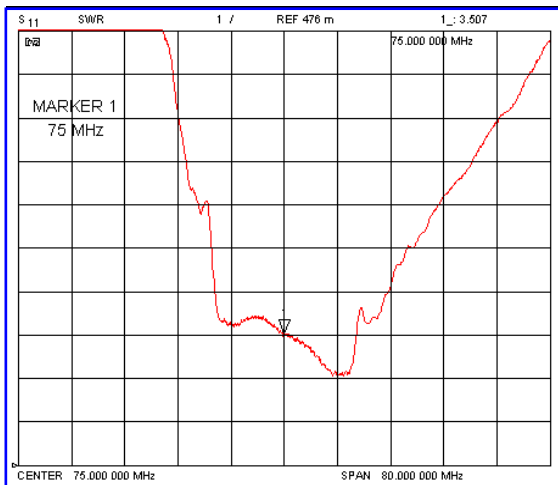
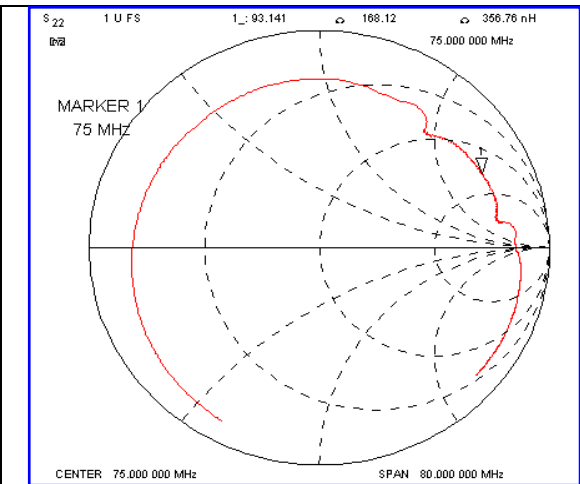
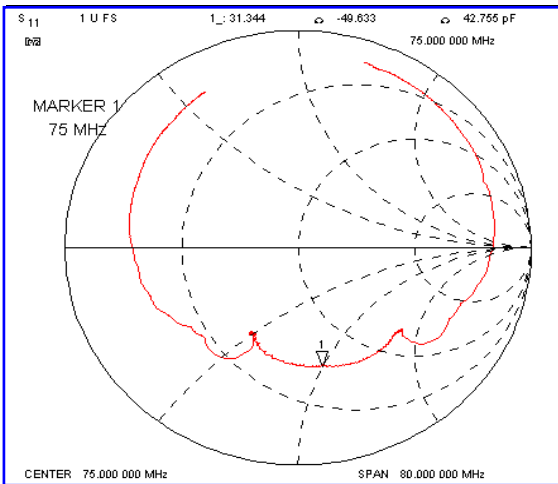
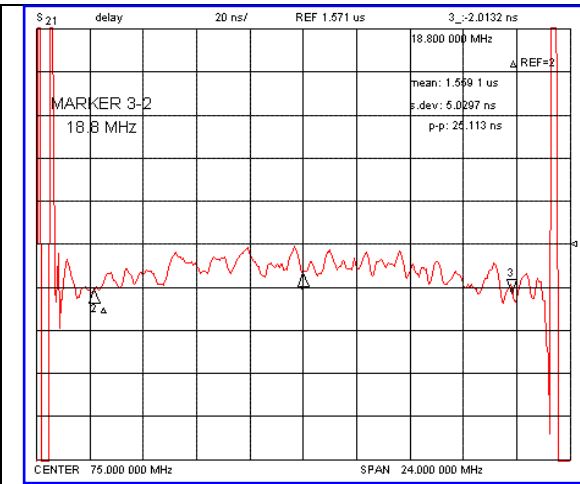
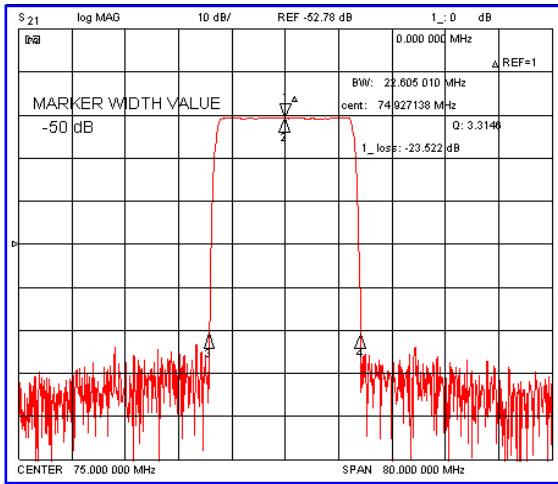


### Matching Configuration

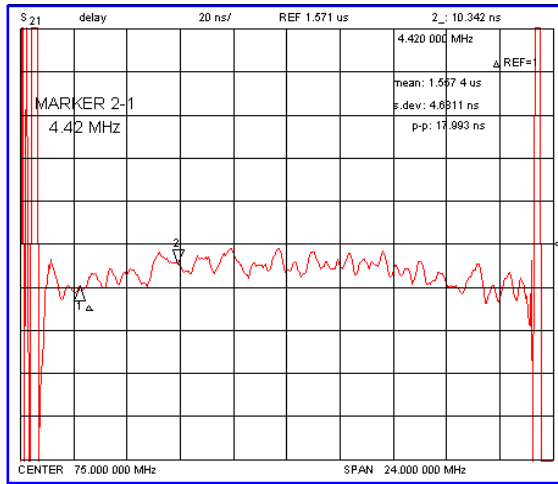


L1=220nH, L2=120nH, L3=150nH, C1=62pF  
 Source / Load Impedance = 50 $\Omega$   
 Ambient Temperature = 25°C

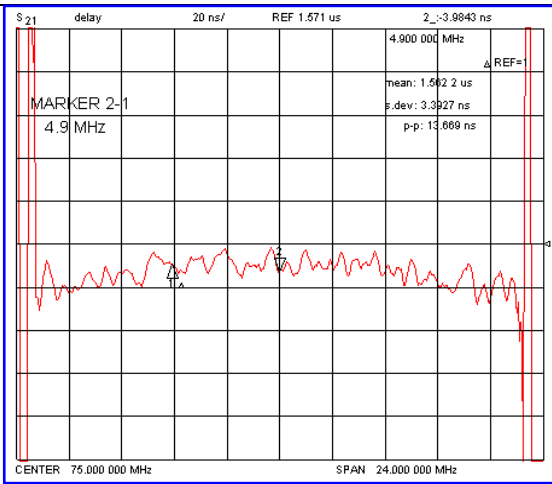
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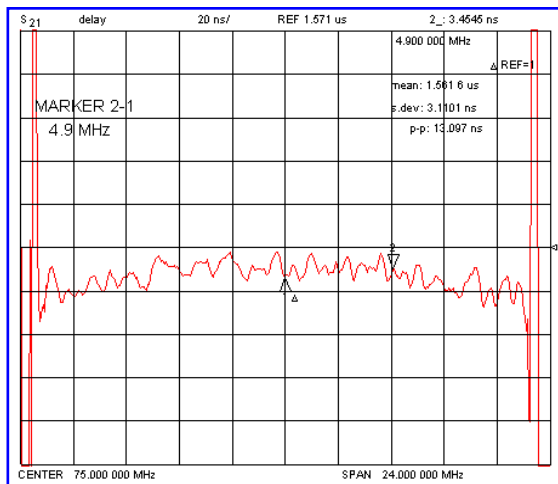
**Group Delay Variation 1FA**



**Group Delay Variation 2FA**



**Group Delay Variation 3FA**



**Group Delay Variation 4FA**

